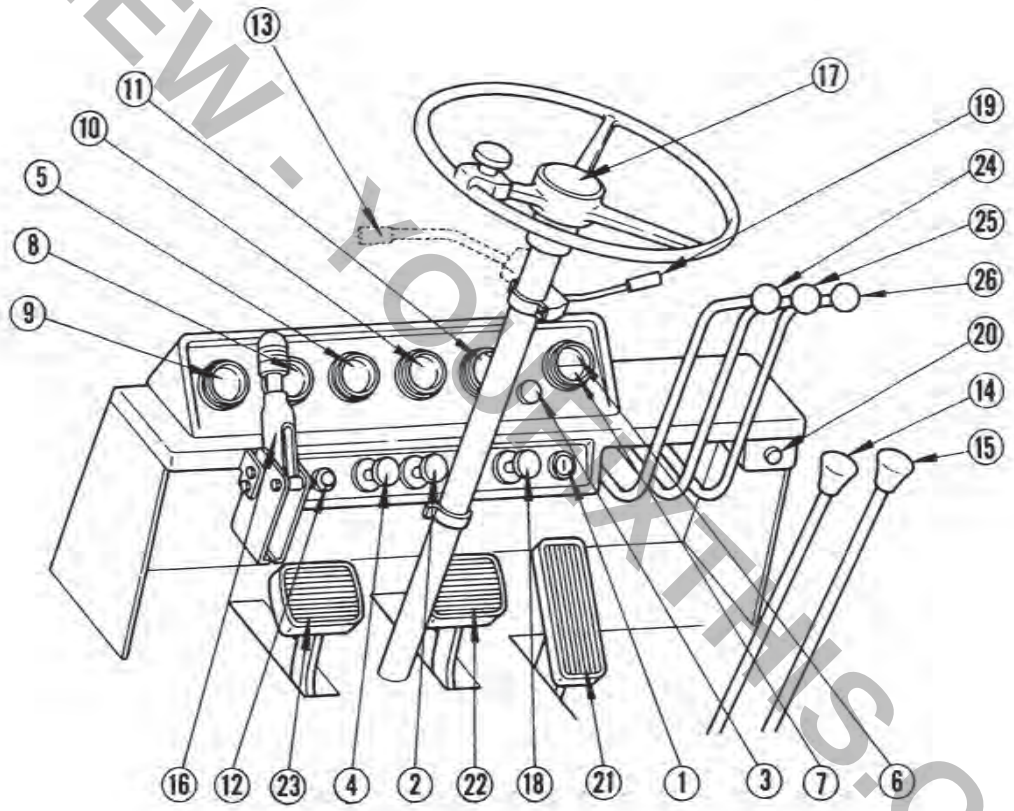
INSTRUMENTS AND CONTROLS



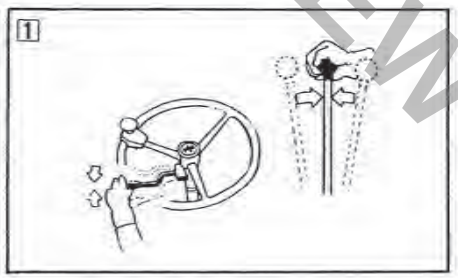
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OPERATING YOUR MACHINE

ENGINE STARTING



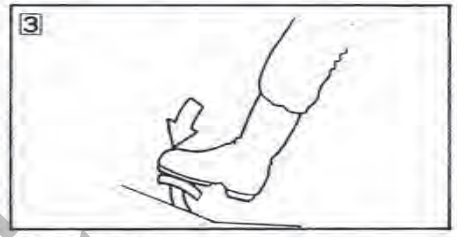
Shift forward-reverse and high-low speed levers to the NEUTRAL position.



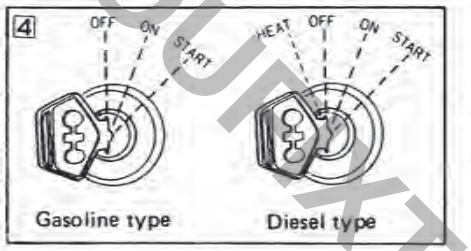
Pull parking lever securely.

★ Check that engine stop button is not pulled out. (Diesel type)

● FD20H/25H/30H do not have an engine stop button.



TORQFLOW type:
Depress inching pedal.
Clutch type:
Depress clutch pedal.



Insert key into starting switch. Turn key to START while lightly depressing accelerator pedal. Immediately return key to ON after engine has started.

The key returns automatically to ON when released.

★ Heat engine by turning key to HEAT before turning it to START. Engine heating is over when heater signal turns red. (Diesel type)

★ Do not leave key turned to HEAT for 30 seconds or more. (Diesel type)

★ Cranking limit
Gasoline type:
Within 5 seconds.
Diesel type:
Within 10 seconds.

★ If engine fails to start, allow an interval of about 20 seconds before again trying to start the engine.

★ Never turn key switch to START once engine has started.

★ Never turn key switch to OFF once engine has started. (Diesel engine)

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MAINTENANCE TABLE

ITEM	SERVICE	Check before starting	Every 100 hours service	Initial 200 hours service	Every 200 hours service	Every 600 hours service	Every 1200 hours service	Every 2400 hours service
CHECK BEFORE STARTING ENGINE								
Body exterior	Oil or water leakage	○						
Tires, rims	Air pressure,rim tighten ing torque, wear, damage	○						
Coolant	Level	○						
Battery	Electrolyte level	○						
Fan belt	Tension, damage	○						
Engine oil	Level	○						
Hydraulic tank	Oil level	○						
Brake pedal	Play	○						
Clutch pedal (clutch type)	Play	○						
Inching pedal (TORQ. type)	Play and interlocking point	○						
Brake fluid	Level (clutch and brake reservoir tank)	○						
Parking brake	Play	○						
Horn	Function	○						
Lamp	Function	○						

ITEM	SERVICE	Check before starting	Every 100 hours service	Initial 200 hours service	Every 200 hours service	Every 600 hours service	Every 1200 hours service	Every 2400 hours service
CHECK AFTER STARTING ENGINE								
Machine exterior	Abnormal noise generation, vibration	○						
Engine	Exhaust gas color	○						
Steering wheel	Play	○						
Gauges	Function, damage	○						
Lift chain	Tension	○						
CHECK WHILE DRIVING SLOWLY								
Steering wheel	Play, wobbling	○						
Brake	Function	○						
Clutch pedal	Function	○						
Inching pedal	Function	○						
PERIODIC MAINTENANCE								
Lift chain	Greasing		○					
Battery electrolyte	Level and S.G.				○			
Air cleaner	Clean, damage				○			

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SERVICE DATA

Check item	Unit	FG20/25/30 FG20S/25S/30S	FG20H/25H/30H	FG35Z/40Z FG35/40/45 FG33S/35S/40S/45S

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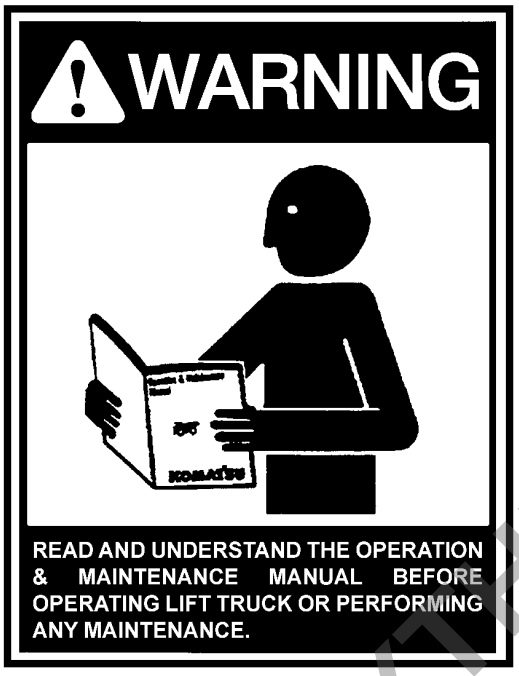
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WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual, must be trained and authorized by the employer, before operating or maintaining this machine. This manual should be kept in or near the machine for reference and periodically reviewed by all personnel who come in contact with the machine.

WARNING: Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65warnings.ca.gov/diesel

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65warnings.ca.gov

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Unit	Applicable Machine No.	Unit	Applicable Machine No.
FG20/25/30	130001 and up	FD20/25/30	140001 and up
FG20S/25S/30S	170001 and up	FD20S/25S/30S	180001 and up
FG20H/25H/30H	200001 and up	FD20H/25H/30H	210001 and up
FG35Z/40Z	110001 and up	FD35Z/40Z	100001 and up
FG35/40/45	130001 and up	FD35/40/45	120001 and up
FG33S/35S/40S/45S	95001 and up	FD33S/35S/40S/45S	90001 and up

Name: _____

Address: _____

Machine serial No.: _____

Registration No.: _____

Distributor's name

Contact person

F-04557

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MAINTENANCE TABLE

The table lists basic periodic inspection items which are required to maintain the machine performance and safety. During each periodic service, the inspection items for the previous services should also be checked.

During the every 600 hours service, for example, the inspection items for the every 200 hours and 100 hours services are also checked.

For a wider range of information or inspection items, see the General SAFETY Precautions volume. If, however, different inspection intervals are given, always use the intervals listed in the Operation and Maintenance Manual.

For greasing and oiling, please refer to the lubrication chart.

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